

**EAST Search History****EAST Search History (Prior Art)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1290740	(membrane pressure hydrogen mixture coefficient).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/07/17 11:39
S1	1	10/575385	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/12/03 14:42
S2	91	73/40.7.ccls. and membrane	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/12/03 14:44
S3	6	"2005000342"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/12/03 14:48
S4	0	PCT/DE2001/004453	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/12/03 14:48
S5	63	mattejat-ar\$.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/12/03 14:48
S6	61	mattejat-arno.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/12/03 14:48
S7	4	("6087033"   "6156447"   "6461751"   "6638650").PN. OR ("7282281").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/12/03 15:19
S8	573	permeation adj coefficient	US-PGPUB; USPAT; USOCR	OR	OFF	2007/12/03 15:19

S9	248	membrane and S8	US-PGPUB; USPAT; USOCR	OR	OFF	2007/12/03 15:20
S10	185	S9 and hydrogen	US-PGPUB; USPAT; USOCR	OR	OFF	2007/12/03 15:31
S11	0	"10122733"	US-PGPUB; USPAT; USOCR	OR	OFF	2007/12/03 15:31
S12	1	10122733A1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/12/03 15:32
S13	14	gerdau-\$in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/12/03 15:32
S14	2	"4892142".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/12/27 15:41
S15	2	"5261268".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/12/27 15:41
S16	40	leak.ab. and (hydrogen near5 (helium carbon methane)) and membrane	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/01/02 09:01
S18	118	(inficon adj gmbh).as.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/01/02 09:06
S19	133	(pressure adj controller) and membrane and rod and valve and spring	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/01/02 09:07
S20	26	(pressure adj controller) and membrane and rod and valve and spring and duct	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/01/02 09:43

S21	84	(hydrogen near3 leak) and membrane and permeat\$3	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/01/02 10:16
S22	1161	73/40.7.ccls.	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/01/02 10:16
S23	1233925	73/40.7.ccls. hydrogen	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/01/02 10:16
S24	158	73/40.7.ccls. and hydrogen	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/01/02 10:22
S25	91	73/40.7.ccls. and membrane	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/01/02 10:22
S26	0	(hydrogen near4 leak\$4) near10 (permeation near3 coefficient) near10 (helium dioxide methane) and membrane	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/08/11 16:13
S27	0	(hydrogen near4 leak\$4) near10 (permeation near3 coefficient) and membrane	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/08/11 16:13
S28	0	(hydrogen near4 leak\$4) near10 (permeation near3 coefficient)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/08/11 16:13
S29	1	(hydrogen near4 leak\$4) near20(permeation near3 coefficient)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/08/11 16:14

S30	6	(hydrogen near4 leak\$4) and (permeation near3 coefficient) and membrane	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/08/11 16:14
S31	38	(hydrogen near4 leak\$4) near10 (helium dioxide methane) and membrane	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/08/11 16:16
S32	6	"2005003245"	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/12 10:15
S33	3	"20050003245"	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/12 10:15
S34	110	hydrogen near8 permeation near8 membrane near30 (methane dioxide helium)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/12 10:40
S35	18	S34 and leak\$4	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/12 10:40
S36	10	(hydrogen near3 leak\$4 near3 test\$4) near10 helium and membrane	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/12 12:14
S37	4	(hydrogen near3 leak\$4) near10 helium and membrane near15 permea\$4	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/12 12:17
S38	55	(fuel adj cell) near15 hydrogen near10 leak\$4 near4 (test\$4 determin\$4 measur\$4)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/12 12:31

S39	10	S38 and (helium dioxide methane)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/12 12:31
S40	2	"5049168".pn.	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/06 13:38
S41	2	"6840086".pn.	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/06 13:58
S42	2	"6492043".pn.	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/06 14:00
S43	12	(helium and carbon adj dioxide and methane and ethane) and leak adj test	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/01/06 14:35
S44	2	" 7141096 ".pn.	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/06 14:44
S45	2	"5055116".pn.	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/06 14:47
S46	9	hydrogen near10 helium near20 leak near20 membrane	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/06 14:49
S47	1	"20080313881"	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/06 15:00

S48	2	"5591345".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/06 15:07
S49	41	hydrogen near10 leak near10 membrane near10 polymer	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/06 15:16
S50	806	Polydimethylsiloxane and hydrogen and leak	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/06 15:43
S51	433339	Polydimethylsiloxane and hydrogen adj leak	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/06 15:43
S52	1	Polydimethylsiloxane and hydrogen adj leak	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/06 15:43
S53	2	Polydimethylsiloxane and hydrogen near10 leak	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/06 15:44
S54	29	siloxane and hydrogen near10 leak	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/06 15:44
S55	1	hydrogen near10 leak near10 membrane and helium near5 carrier	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/06 17:08
S56	16	hydrogen near10 leak and helium near5 carrier	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/06 17:08

S57	2	"20050109103"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/14 10:55
S58	45	73/40.7 and membrane near8 pressure	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/14 11:19
S59	1	73/40.7 and membrane near8 pressure near5 constant	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/14 11:19
S60	1	73/40.7 and membrane near8 pressure near5 constant	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/14 11:50

**EAST Search History (Interference)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	5	(membrane pressure hydrogen mixture coefficient). clm.	USPAT; UPAD	AND	OFF	2009/07/17 11:39

7/17/2009 11:59:01 AM

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